



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Brian Jay Vondruska

Docket No.: 201PP029A

Serial No.: 10/653,609

Art Unit:

Filed: September 2, 2003

Examiner:

For: COMPOSITIONS OF ANIONIC POLYMERIC RHEOLOGY MODIFIERS AND
CATIONIC MATERIALS

CERTIFICATE OF MAILING

I hereby certify that this correspondence (including any paper or fee referred to herein) is being deposited with the United States Postal Service on the date shown below as first class mail in an envelope addressed to: ASSISTANT COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450, on

12/2/03
Date of Deposit

Cathy Bartel
Cathy Bartel

Assistant Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Transmitted herewith is/are the following document(s) related to the above-identified application:

Acknowledgment of Receipt Card
Information Disclosure Statement
Form PTO-1449 and References Cited

X No additional fee is required.

X Charge any additional fees except issue fee or credit overpayment to Deposit Account No. 50-1501. **A DUPLICATE OF THIS SHEET IS ENCLOSED.**

Respectfully submitted,

Thoburn T. Dunlap
Thoburn T. Dunlap
Reg. No. 31,246

Noveon, Inc.
Legal Department
9911 Brecksville Road
Cleveland, Ohio 44141-3247
(216) 447-5918
201PP029Atl.doc



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PATENT

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Cathy Bartel
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INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to the duty of disclosure under 37 CFR §1.56 and in accordance with the Rules of Practice set forth under 37 CFR §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed below:

U.S. Patents

<u>Patent No.</u>	<u>Inventor</u>	<u>Issue Date</u>
4,445,521	Grollier et al.	May 1, 1984
4,960,845	O'Lenick, Jr.	October 2, 1990
4,587,320	Swihart	May 6, 1986
5,070,171	O'Lenick, Jr.	December 3, 1991
5,093,452	O'Lenick, Jr.	March 3, 1992
5,196,495	Chuang et al.	March 23, 1993
5,248,783	O'Lenick	September 28, 1993
5,296,625	O'Lenick, Jr. et al.	March 22, 1994
5,859,161	Imperante et al.	January 12, 1999

Publications

- Product Brochure Polymers for Personal Care, BFGoodrich, Revision 5/98, "Carbopol® ETD™ 2020 For Personal Care Applications (CTFA Name: Acrylates/C10-30 Alkyl Acrylate Cross-Polymer)".
- Product Brochure Carbopol® Thickeners, Pemulen® Emulsifiers And Good-Rite® K-

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Page 2

700 Dispersants, BFGoodrich, April 1995, Section 3.7 "Formulating With Cationic Materials",
pg. 20.

3. Cosmetic Science and Technology Series, Vol. 17, edited by Dale H. Johnson, "Hair and
Hair Care", Section 4, Conditioning of Hair, Myra A. Hoshowski, pgs. 65-83 and 100-104.

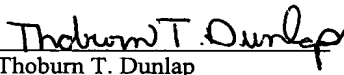
4. 28th CED Annual Meeting, Barcelona, Spain, G. Polotti and F. Coda, "Thickeners For
Cationic Surfactant Solutions", 6 pages.

5. CED Annual Meeting, Barcelona, Spain, 1997, G. Polotti, "Effect Of Metal Ions On The
Viscosity Of Polyacrylic Thickeners", pgs. 509-518.

It is respectfully requested that the foregoing information be considered by the Examiner
and that a copy of the enclosed Form PTO-1449 be returned with an indication that such
information has been considered.

The Commissioner is authorized to charge Deposit Account No. 50-1501 for any fee due
herewith. A duplicate of the transmittal letter is enclosed.

Respectfully submitted,


Thoburn T. Dunlap
Agent for Applicants
Reg. No. 31,246

Noveon, Inc.
Legal Department
9911 Brecksville Road
Cleveland, Ohio 44141-3247
(216) 447-5918

Date: December 2, 2003

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FORM 1-1449 U.S. DEPARTMENT OF COMMERCE
(Rev. 2-32) PATENT AND TRADEMARK OFFICE

Sheet 1 Of 1

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use several sheets if necessary)

ATTY. DOCKET NO. 201PP029A	SERIAL NO. 10/ 653,609
APPLICANT Brian Jay Vondruska	
FILING DATE September 2, 2003	GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
	4 4 4 5 5 2 1	05/01/84	Grollier et al.	132	7	
	4 9 6 0 8 4 5	10/02/90	O'Lenick, Jr.	528	25	
	4 5 8 7 3 2 0	05/06/86	Swihart	528	23	
	5 0 7 0 1 7 1	12/03/91	O'Lenick, Jr.	528	33	
	5 0 9 3 4 5 2	03/03/92	O'Lenick, Jr.	528	25	
	5 1 9 6 4 9 5	03/23/93	Chuang et al.	526	264	
	5 2 4 8 7 8 3	09/28/93	O'Lenick	548	110	
	5 2 9 6 6 2 5	03/22/94	O'Lenick, Jr. et al.	556	437	
	5 8 5 9 1 6 1	01/12/99	Imperante et al.	528	25	

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

1.	Product Brochure Polymers for Personal Care, BFGoodrich, Revision 5/98, "Carbopol® ETD™ 2020 For Personal Care Applications (CTFA Name: Acrylates/C10-30 Alkyl Acrylate Cross-Polymer)".
2.	Product Brochure Carbopol® Thickeners, Pemulen® Emulsifiers And Good-Rite® K-700 Dispersants, BFGoodrich, April 1995, Section 3.7 "Formulating With Cationic Materials", pg. 20.
3.	Cosmetic Science and Technology Series, Vol. 17, edited by Dale H. Johnson, "Hair and Hair Care", Section 4, Conditioning of Hair, Myra A. Hoshowski, pgs. 65-83 and 100-104.
4.	28 th CED Annual Meeting, Barcelona, Spain, G. Polotti and F. Coda, "Thickeners For Cationic Surfactant Solutions", 6 pages.
5.	27 th CED Annual Meeting, Barcelona, Spain, G. Polotti, "Effect Of Metal Ions On The Viscosity Of Polyacrylic Thickeners", pgs. 509-518.

EXAMINER	DATE CONSIDERED
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